

ABSTRACT

A transmitter has a network interface unit connected to a wireless network capable of transmitting contents for which copyright protection is necessary, an encryption processing unit configured to encrypt contents for which copyright protection is necessary, an RTT measuring unit configured to measure a round trip time after a predetermined packet is transmitted to a receiver, until a response corresponding to the transmitted packet is received, a communication permission determination unit configured to permit transmission of the contents for which copyright protection is necessary when the round trip time measured by the RTT measuring unit is within a predetermined time, and a parameter modification unit configured to change parameters of the wireless network before and/or after the RTT measuring unit performs the measurement of the round trip time.